

(FILE 'HOME' ENTERED AT 23:11:18 ON 28 MAR 2008)

FILE 'CAPLUS, MEDLINE, USPATFULL, BIOSIS' ENTERED AT 23:12:22 ON 28 MAR 2008

L1 67547 S (FLUID? (8A) (POWDER OR PARTICLE OR PARTICULATE OR GRANULE))
L2 6830989 S (BIOPOLYMER OR CELLULOS? OR PROTEIN OR THROMBIN OR FIBRINOGEN
L3 18871 S L2 (P) HEMOSTA?
L4 14616 S L1 (P) (GAS OR OXYGEN OR NITROGEN OR (CARBON(W)DIOXIDE) OR CO
L5 16 S L4 AND L3
L6 0 S L5 AND MICROTUBE
L7 16 DUP REM L5 (0 DUPLICATES REMOVED)
L8 2 S L7 NOT PD>20030218

=> d que L2

L2 6830989 SEA (BIOPOLYMER OR CELLULOS? OR PROTEIN OR THROMBIN OR
FIBRINOGEN OR OXYCELLULOSE OR ((CARBOXYMETHYL CARBOXYETHYL) (3A)
CELLULOSE))

=> d que L4

L1 67547 SEA (FLUID? (8A) (POWDER OR PARTICLE OR PARTICULATE OR
GRANULE))
L4 14616 SEA L1 (P) (GAS OR OXYGEN OR NITROGEN OR (CARBON(W) DIOXIDE)
OR CO2 OR O2 OR N2)

=> d L8 1-2 TI AB IBIB

L8 ANSWER 1 OF 2 USPATFULL on STN

TI Apparatus and method for applying a particulate hemostatic agent to
living tissue

AB An apparatus and method for applying a particulate hemostatic agent to
living tissue are disclosed. The apparatus includes a particulate
hemostatic agent source (22) and a continuous gas source (14).
A continuous gas stream from the continuous gas
source is turbulently combined with the particulate hemostatic agent
within the hemostatic agent source from a finely dispersed fluid
stream of the particulate hemostatic agent in the continuous
gas stream. An outlet conduit (34) extends from where the
gas and particulate hemostatic agent are combined through an
outlet (36) of the conduit, whereby the fluid stream is conducted
through the outlet conduit and is discharged from the outlet conduit
onto proximate living tissue, thereby applying the particulate
hemostatic agent o the living tissue.

ACCESSION NUMBER: 1999:109522 USPATFULL

TITLE: Apparatus and method for applying a particulate
hemostatic agent to living tissue

INVENTOR(S): Ferdman, Ariel G., Rio Piedras, PR, United States
Pinsky, Vladimir J., Brighton, MA, United States(4)

PATENT ASSIGNEE(S): Medchem Products, Inc., Woburn, MA, United States (U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5951531		19990914
	WO 9423788		19941027
APPLICATION INFO.:	US 1996-532604		19960125 (8)
	WO 1994-US4193		19940415
			19960125 PCT 371 date
			19960125 PCT 102(e) date

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1993-49818, filed
on 20 Apr 1993, now abandoned
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Stright, Jr., Ronald K.
LEGAL REPRESENTATIVE: Wolf, Greenfield & Sacks, P.C.
NUMBER OF CLAIMS: 16
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 5 Drawing Figure(s); 2 Drawing Page(s)
LINE COUNT: 374

L8 ANSWER 2 OF 2 USPATFULL on STN

TI Apparatus and methods for gene therapy

AB A method and apparatus are disclosed for the in vivo transfer of
therapeutic genes to internal body sites. An operating head of a
catheter or endoscope contains a particle bombardment device for
accelerating DNA-coated particles into a target tissue. With either
endoscopy or arterial catheterization, the operating head may be guided
to diseased or deficient organs, or other lesions, and deliver the gene
coated particles in a targeted manner. In one embodiment, a double
balloon catheter is employed to isolate an intravascular space containing
the lesion to be treated, with the space being cleared of blood and
filled with gas before operation of the particle bombardment device. The
method and apparatus may also be employed to deliver other therapeutic
agents to intracellular targets.

ACCESSION NUMBER: 1998:143321 USPATFULL

TITLE: Apparatus and methods for gene therapy

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	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5836905		19981117
APPLICATION INFO.:	US 1996-775047		19961227 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1994-262581, filed on 20 Jun 1994, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	McDermott, Corrine M.		
ASSISTANT EXAMINER:	Nguyen, A. T.		
NUMBER OF CLAIMS:	17		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	3 Drawing Figure(s); 3 Drawing Page(s)		
LINE COUNT:	562		

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